

Monthly Divisional Report
New Jersey State Highway Department
January 1960

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MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Accounting & Administrative Services

Bureau: Office of Comptroller
Bureau of Auditing & Accounting

The Comptroller attended meetings with Peat, Marwick, Mitchell & Co. anent their survey. Steps have been taken and a time schedule set up to finalize and effectuate their recommendations.

A Budget Conference was held with Mr. Abram M. Vermeulen, Commissioner Palmer, Mr. O. H. Fritzsche and the Comptroller.

A Task Force meeting was attended on Jan. 28th with Mr. J. F. Andrews presiding.

Personnel of the various Bureaus of the Division of Accounting & Administrative Services attended Telephone School sessions in the Highway Office Building Cafeteria on Jan. 19th, 20th and 21st.

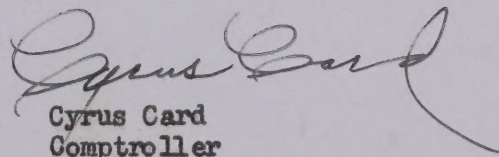
The Comptroller distributed to each employee of the Division of Accounting & Administrative Services, regulations on working hours, time of arrival and departure, requests for sick leave and vacation, apprising the employees of the necessity of complying with these regulations to avoid the penalty of "W" time.

In the Bureau of Auditing & Accounting warrants were audited and drawn for 24 County & Municipal Aid payments amounting to \$165,338.60.

Inventories have been completed at the outlying garages and started in the Fernwood area.

In the data-processing unit, steps have been taken to start key-verification of reports rather than sight checking.

In the Cost Section a system for converting the new license plates letters, on all mobile equipment, to equipment numbers, has been established.


Cyrus Card
Comptroller

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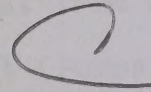
STATE HIGHWAY DEPARTMENT
TRENTON, NEW JERSEY

MEMORANDUM

To Helen J. J.
From Clark Brown
Subject _____

Date Feb. 4, 1960

Clyde Case on payroll field trip. His report
will follow in day or so.



Signed _____

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: Administration Administrative Services

Bureau: Hourly Payroll Bureau

As Head Paymaster in the Purchase and Stores Bureau during the month of

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2875 checks for the month. Total of payrolls for the month \$537,132.05. Signed as Head Paymaster the above mentioned checks.

Prepared Social Security report for the fourth quarter of 1959 consisting of 76 pages and remitted to that agency check in the amount of \$39,115.74 covering employees contributions.

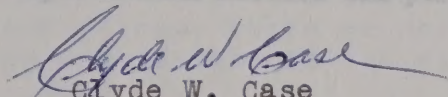
Spent three (3) days in the field conferring with Highway employees regarding their retirement from State Service.

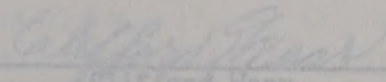
Prepared Withholding Tax statement (Forms W-2) for 1673 Hourly Basis employees for the year 1959 and same were delivered to employees. Prepared fourth report and reconciliation for the year for the Collector of Internal Revenue and remitted check to that agency in the amount of \$174,429.90.

Correspondence regarding Hourly Basis personnel.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervised the personnel of the Hourly Payroll Bureau in regular routine work of maintaining necessary forms and information required.


Clyde W. Case
Head Paymaster


Clifford Wear
Supervisor, Purchase and Stores Bureau

MONTHLY DIVISIONAL REPORT

Month of JANUARY, 1960.

Division: Accounting & Administrative Services

Bureau: Purchase & Stores

OFFICE SERVICES

The activities in the Purchase and Stores Bureau during the month of January, 1960, were mostly of a routine nature.

Check in the amount of \$342.00 from Samuel Z. Kravitz & Sons, Trenton, New Jersey, in payment of 171 Casings (Used Tires - As Is - Passenger Car sizes) at \$2.00-each, as a result of high bid of December 29, 1959, was forwarded to Cyrus Card, Comptroller.

Check in the amount of \$847.79 from C & R Waste Materials Co., Trenton, New Jersey, in payment of 41.155 tons miscellaneous Scrap Steel at \$20.60-net ton, as a result of high bid of December 29, 1959, was forwarded to Cyrus Card, Comptroller.

Check in the amount of \$156.44 from the United Can Company, Attention Alvin Binder, Box 203, Paulsboro, New Jersey, in payment of 4228 empty 5-gallon Paint Cans was forwarded to Cyrus Card, Comptroller. This payment covered the last pickup on contract of July 7, 1959 for the removal of paint cans from Fernwood Service Station, Trenton, N. J.

All outstanding loans of electrical materials have been returned to the Purchase and Stores Warehouse.

The Kagan-Dixon Wire Corporation, Rahway, New Jersey, requested that we erect a test section of snow fence containing aluminum wire instead of regular galvanized wire and they furnished a 100-ft. section free of charge. The Maintenance Bureau advised that this test section has been erected at one of the jug handles along Route #1 at Clarksville adjacent to some newly acquired snow fence containing galvanized wire. This test section will be watched and compared with our regular snow fence.

Interviewed 24 salesmen representing various concerns during the month and attended 12 meetings regarding departmental matters and purchases.

THIS HAS RESULTED IN A BACK-LOG OF WORK WHICH WE HAVE AS YET BEEN UNABLE TO CATCH UP ALTHOUGH WE HAVE ENDEAVORED TO KEEP UP WITH THE CURRENT WORK LOAD.

MAILING SECTION

THE MONTH OF JANUARY WAS A MONTH IN WHICH THE ONLY EXTRA INCREASE WAS IN OUTGOING MAIL. THE MAILING SECTION OF THE PUBLIC RELATIONS AND NOTICES TO CONTRACTORS SECRETARY'S OFFICE. MAP REQUESTS ARE COMING IN AT A RATE OF ABOUT 100 PER DAY WHICH ARE NOT AS YET AVAILABLE.

INCOMING MAIL CONTINUES TO BE HEAVY, BUT FORTUNATELY WE ARE PERMITTED TO USE THE U.S. POST OFFICE MAIL BAGS, OFTEN FOUR OR FIVE OF THEM, IN ADDITION TO OUR OWN MAIL VALISES, WHICH WOULD NEVER HOLD THE AMOUNT WE GET IN THE MORNING, ESPECIALLY ON MONDAYS.

ONE OF OUR PROBLEMS IS GETTING EMPTY CARTONS TO PUT THE OUTGOING MAIL IN AS THE TWO VALISES ARE NOT ENOUGH WHEN WE GET HUNDREDS OF LETTERS ON CERTAIN DAYS. IT'S SO MUCH EASIER TO PACK THEM NEATLY IN CARTONS, AND IT IS QUICKER.

Clifford Wear
Clifford Wear
Supervisor, Purchase and Stores Bureau

1960

Month of JANUARY

MONTHLY DIVISIONAL REPORT

Division: Accounting & Administrative Services
 Bureau: Purchase & Stores

The activities in the Purchase and Stores Bureau during the month of January, 1960, were mostly of a routine nature.

Check in the amount of \$342.00 from Samuel E. Kravitz & Sons, Trenton, New Jersey, in payment of 171 Casings (Used Tires - As Is - Passenger Car tires) at \$2.00 each, as a result of high bid of December 29, 1959, was forwarded to Cyrus Card, Comptroller.

Check in the amount of \$847.79 from C & R Waste Materials Co., Trenton, New Jersey, in payment of 17.155 tons miscellaneous scrap steel at \$20.60 net ton, as a result of high bid of December 29, 1959, was forwarded to Cyrus Card, Comptroller.

Check in the amount of \$156.44 from the United Can Company, Attention Alvin Binder, Box 203, Paulsboro, New Jersey, in payment of 1228 empty 2-gallon Paint Cans was forwarded to Cyrus Card, Comptroller. This payment covered the last pickup on contract of July 7, 1959 for the removal of paint cans from Farmwood Service Station, Trenton, N. J.

All outstanding loans of electrical materials have been returned to the Purchase and Stores Warehouse.

The Kagan-Dixon Wire Corporation, Rahway, New Jersey, requested that we erect a test section of snow fence containing aluminum wire instead of regular galvanized wire and they furnished a 100-ft. section free of charge. The Maintenance Bureau advised that this test section has been erected at one of the fuel handles along Route 41 at Clarkville adjacent to some newly acquired snow fence containing galvanized wire. This test section will be watched and compared with our regular snow fences.

Interviewed 24 salesmen representing various concerns during the month and attended 12 meetings regarding departmental matters and purchases.

Clifford West
 Supervisor, Purchase and Stores Bureau

MONTHLY DIVISIONAL REPORT

Month of JANUARY

1960

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

SURVEY WAS MADE OF THE METUCHEN OFFICE IN REGARDS TO FURNITURE REQUESTED IN THE 1960-61 BUDGET. ALSO REVISION OF TELEPHONE SERVICE IN THE CONSTRUCTION DIVISION WAS RECOMMENDED TO BETTER THE SERVICE IN THE DRAFTING SECTION.

SURVEY WAS MADE TO THE PLEASANTVILLE OFFICE. THE FURNITURE IN THIS OFFICE SHOULD BE REPLACED, ESPECIALLY TWO DESKS AND SOME FILING CABINETS. THE CONDITION OF THE PLAN FILES ARE ADEQUATE. CONSIDERATION SHOULD ALSO BE GIVEN TO THE REPLACEMENT OF SOME DRAFTING TABLES. TO FACILITATE THE HANDLING OF TELEPHONE CALLS, INSTALLATION HAS BEEN REQUESTED FOR EXTENSION TELEPHONES IN THE DRAFTING ROOM.

THE WORK OF RENOVATION OF THE DARKROOM HAS PROCEEDED RAPIDLY DURING THE LAST TWO WEEKS AND IS IN THE FINAL STAGES OF COMPLETION. ALSO FOUR WALL PARTITIONS HAVE BEEN INSTALLED IN THE MAINTENANCE DEPARTMENT AND THIS WORK IS COMPLETED EXCEPT FOR SOME FINISHING WHICH SHOULD BE DONE THIS WEEK. REQUEST HAS BEEN MADE TO THE TELEPHONE COMPANY TO REVAMP THE ENTIRE MAINTENANCE DEPARTMENT SERVICE AND THIS WORK SHOULD GET UNDER WAY WITHIN A PERIOD OF TEN DAYS.

FILES AND RECORDS

DESTRUCTION SCHEDULES FOR THE ACCOUNTING AND ADMINISTRATIVE SERVICES DIVISION; OFFICE OF PERSONNEL AND STATE AID DIVISION HAVE BEEN APPROVED BY THE STATE RECORDS COMMITTEE AND WORK STARTED ON CLEARING OUT THE RECORDS SO AUTHORIZED. HOWEVER, THE INCREASED VOLUME OF PAPERWORK RESULTING FROM THE NEW INTERSTATE ROUTE SYSTEM AND THE EXPANDED HIGHWAY PROGRAM IS STARTING TO REACH THE CENTRAL FILES AND RECORDS STORAGE CENTER AS WE ENDEAVOR TO CLEAR THE FILES IN VARIOUS OFFICE WHERE OUR PERSONNEL SERVICE THEM. THIS HAS RESULTED IN A BACK-LOG OF WORK WHICH WE HAVE AS YET BEEN UNABLE TO CATCH UP ALTHOUGH WE HAVE ENDEAVORED TO KEEP UP WITH THE CURRENT WORK LOAD.

MAILING SECTION

THE MONTH OF JANUARY WAS A NORMAL BUSY ONE, THE ONLY EXTRA INCREASE WAS IN OUTGOING NEWS RELEASES FROM THE BUREAU OF PUBLIC RELATIONS AND NOTICES TO CONTRACTORS FROM THE SECRETARY'S OFFICE. MAP REQUESTS ARE COMING IN IN GREATER NUMBERS, MANY WITH A PLEA FOR 1960 MAPS WHICH ARE NOT AS YET AVAILABLE.

INCOMING MAIL CONTINUES TO BE HEAVY, BUT FORTUNATELY WE ARE PERMITTED TO USE THE U.S. POST OFFICE MAIL SACKS, OFTEN FOUR OR FIVE OF THEM, IN ADDITION TO OUR OWN MAIL VALISES, WHICH WOULD NEVER HOLD THE AMOUNT WE GET IN THE MORNING, ESPECIALLY ON MONDAYS.

ONE OF OUR PROBLEMS IS GETTING EMPTY CARTONS TO PUT THE OUTGOING MAIL IN AS THE TWO VALISES ARE NOT ENOUGH WHEN WE GET HUNDREDS OF LETTERS ON CERTAIN DAYS. IT'S SO MUCH EASIER TO PACK THEM NEATLY IN CARTONS, AND IT IS QUICKER.

MONTHLY DIVISIONAL REPORT

Month of JANUARY

19 60

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

DUPLICATING SECTION

RECEIVED A NEW MODEL 1250 MULTILITH TO REPLACE ONE OF THE OLDER MODELS WHICH WAS APPROXIMATELY 10 YEARS OLD. THIS NEW MACHINE HAS ALL OF THE LATEST IMPROVEMENTS AND WILL NOT ONLY GIVE A MUCH BETTER INK COVERAGE, FOR HALFTONE FLATS AND FULL SPREADS, BUT OPERATES AT A SPEED OF 7,500 PER HOUR. THIS IS AN INCREASE OF 2,500 COPIES PER HOUR OVER THE OLDER MODEL RESULTING IN A PRODUCTION INCREASE OF 50%.

ONE OF OUR EMPLOYEE, MRS. M. LOVELAND WAS GIVEN A PROMOTION AND TRANSFERRED TO THE BUREAU OF AUDITING & ACCOUNTING. MRS. LOVELAND HAS WORKED IN THE DUPLICATING SECTION FOR THE PAST NINE YEARS AND HER LOSS TO THIS SECTION IS KEENLY FELT. HER PLACE HAS BEEN TAKEN BY MRS. M. TYRRELL WHO WAS FORMERLY ASSIGNED TO THE FILE ROOM.

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: Accounting and Administrative Services
Bureau: Administration - Office of the Secretary

CONTRACTS

Bids received on six (6) projects and necessary reports and certificates of award prepared. Seven (7) contracts awarded; contracts prepared and forwarded for execution. Execution of four (4) contracts completed. Five (5) projects advertised for bids. One hundred and ninety-six (196) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

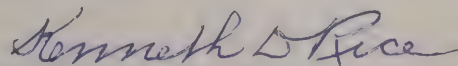
Four (4) Schedules prepared listing a total of two hundred thirty-nine (239) items; which by a combination of items were possible represents action on two hundred forty-seven (247) individual items. Official copies of Schedules signed by the Commissioner, placed in the Minute Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

- 24 Standard Specifications issued
- 4 Deposits made for transmittal of income
- 5 Traffic Regulations certified to Acting Director, Division Motor Vehicles
- 61 Property Agreements attested and processed
- 10 Agreements attested and processed
- 73 Municipal Aid contracts, applications, agreements, transfers, etc. certified
- 1 Lease Agreement executed and processed
- 4 General Releases executed
- 1 Snow Removal Agreement (1959-60) executed
- 3 Motor Vehicle claim settlements executed
- 5 Motor Vehicle license forms executed
- 7 Highway Lighting Reimbursement Agreements executed
- 8 Equipment Rental Agreements executed
- 4 Deeds of Conveyance acknowledged and processed

1500 (approximately) maps distributed

General correspondence, filing and answering telephone inquiries.
Receiving and reading bids at four lettings.



Kenneth D. Rice
Secretary

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division:	<u>BRIDGE</u>		
Bureau:	<u>BRIDGES UNDER CONSTRUCTION</u>	<u>Sheet #1</u>	<u>% OF COMPLETION</u>
<u>Rt. US1:</u>			
<u>Sec. 1</u>	Four Structures, Lawrence Township, Mercer County		88
2	Culvert, Lawrence Township, Mercer County		100
<u>Rt. US1&9:</u>			
<u>Sec. 1&"</u>	Ramp Revisions, Jersey City, Hudson County		67
<u>Rt. US9:</u>			
<u>Sec. 2</u>	Cape May Canal Bridge, Lower Twp., Cape May County		52
<u>Rt. 10:</u>			
<u>Sec. 2A</u>	Underpass at Salem St., Randolph Twp., Morris County		73
4A	3 Bridges, Twps. of Hanover, E. Hanover, Livingston, Morris-Essex Co.		78
<u>Rt. 15:</u>			
<u>Sec. 1</u>	Burnt Meadow Brook Bridge, Rockaway & Wharton, Morris County		49
<u>Rt. 17:</u>			
<u>Sec. 3</u>	Underpass at Century Road, Paramus, Bergen County		51
<u>Rt. 18:</u>			
<u>Sec. 2</u>	2 Overpasses, 2 Walls, New Brunswick, Middlesex County		62
5	Overpass at Rt. US9, Madison Twp., Middlesex County		0
<u>Rt. 21:</u>			
<u>Sec. 1B</u>	Six Structures, Belleville & Nutley, Essex County		97
1C	14 Structures, Nutley & Clifton, Essex-Passaic Counties		14
<u>Rt. US 22, Sec. 13A</u>			
4, Sec. 2A			
<u>US 46, Sec. 15A</u>	4 Pedestrian Overpasses, 1 Stairs, Boros of Mountainside, Paramus, Hasbrouck Hghts, Union & Bergen Counties.		52
<u>Rt. 38:</u>			
<u>Sec. 1A&2A</u>	6 Culverts, 1 Bridge, Twps. of Delaware, Maple Shade, Moorestown, Mount Laurel, Camden & Burlington Counties		69
<u>Rt. 71:</u>			
<u>Sec. 1</u>	Three Culverts, Deal, West Long Branch, Eatontown & Long Branch, Monmouth County		98
2	Bulkhead, Asbury Park, Monmouth County		0
<u>Rt. 78:</u>			
<u>Sec. 2E</u>	5 Structures, Bloomsbury, Bethlehem & Union Twps., Hunterdon Co.		93
2F	Overpasses at CRR & LVRR, Bloomsbury & Bethlehem Twps. " "		73

MONTHLY DIVISIONAL REPORT

MONTH OF JANUARY, 1960

<u>DIVISION:</u> BRIDGE			
<u>BUREAU:</u>	<u>BRIDGES UNDER CONSTRUCTION</u>	<u>Sheet #2</u>	<u>% OF COMPLETION</u>
<u>Rt. 80:</u>			
<u>Sec. 2E</u>	10 Bridges, Netcong & Roxbury, Morris County		31
4A	Bridge over Rt. 20, Passaic River & Slaughterdam Road, Paterson-E. Paterson, Passaic-Bergen Counties		31
<u>Rt. 101:</u>			
<u>Sec. 2C</u>	Eight Structures, Wharton, Morris County		98.7
<u>Rt. 102:</u>			
<u>Sec. 2B</u>	Six Bridges, Greenwich Twp., Warren-Hunterdon Counties		98
2D	Six Bridges, Greenwich & Franklin Twp., Warren-Hunterdon Co.		99
<u>Rt. 104:</u>			
<u>Sec. 1A-2A</u>	East & West Viaducts over Raritan River, Middlesex-Somerset Co.		99
<u>Rt. 129 & 29:</u>			
<u>Sec. 1A&15A</u>	Eight structures, Ewing & Hopewell Twps., Mercer County		33
<u>Rt. US 130:</u>			
<u>Sec. 8A&9A</u>	Bridge over Swedes Run, Burlington County		99
<u>Rt. 169:</u>			
<u>Sec. 1</u>	Three Bridges, Bayonne & Jersey City, Hudson County		36
<u>Rt. 208:</u>			
<u>Sec. 2</u>	Ewing Avenue Overpass, Franklin Lakes, Bergen County		95
3	Four Structures, Hawthorne & Wyckoff, Passaic-Bergen Counties		97
3A	Pedestrian O.P. at Ethel Ave., Boros of Hawthorne, Glen Rock, Fair Lawn, Passaic & Bergen Counties		24
<u>Rt. 287:</u>			
<u>Sec. 1B</u>	Nine Bridges, Bridgewater Twp., Somerset County		7
1C&2B	Seven Bridges, Franklin-Piscataway Twps., Somerset-Middlesex Co.		27
<u>Rt. 295:</u>			
<u>Sec. 1C</u>	Nine Structures, Deptford & Westville, Camden-Gloucester Counties		69
<u>Rt. US 322:</u>			
<u>Sec. 1</u>	Widening 6 Bridges, Hamilton Twp., Atlantic County		62
<u>Scudders Falls Bridge (Superstructure) over Delaware River</u>			99
<u>Ocean County:</u>	Meadow Avenue Bridge		15

Reports - Monthly

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: BRIDGE

Bureau: DESIGN SECTION

2/15

- Rt. US 1: Underpass at Milltown Road:
Sec. Plans & Specs. completed. Temporarily held up.
- Rt. 3 Repairs to header at Lincoln Tunnel Approach:
Specs. being prepared.
- Rt. 7: Passaic River-Repairs to Fender System:
Bids to be received 2-3-60
- Rt. 7: Hackensack River - Repairs to Fender System:
Bids to be received 2-3-60
- Rt. 10: Canoe Brook Bridge:
Sec. 7 Plans being prepared.
- Rt. 13: Lovelandtown Bridge Extension:
Sec. 1 Plans being prepared
- Rt. 20: Interchange at Route 4:
Reviewing plans prepared by Stalling, Lord-Wood & Van Suetendael
- Rt. 28: Underpass at L.V.R.R.
Specifications being prepared.
- Rt. US 30: Two Pedestrian Overpasses:
Plans being prepared.
- Rt. 35: Two Bridges Over L.V.R.R. at Convery Blvd. & Removal of Existing Bridge
Sec. 12B Advertised 1-20-60 for bids to be received 2-10-60
- Rt. 35: Shark River Bridge Extension
Sec. 5A Awarded to Brann & Stuart, low bidder
- Rt. 35: Matawan Creek Grid Floor:
Sec. 10A Advertised for bids to be received 2-10-60
- Rt. 78: Six Bridges:
Sec. 2G Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald
- Rt. 78: Pluckemin to Berkeley Heights:
Reviewing plans prepared by Deleuw, Cather and Brill.
- Rt. 80: Bergen-Passaic Expressway:
Sec. 4 Reviewing plans by Fay, Spofford & Thorndike.
- Sec. 2J: Four Bridges:
Reviewing plans prepared by Louis Berger & Associates.
- Sec. 5: Bergen-Passaic Expressway:
Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas

BRIDGE

Underpass at Milltown Road:
Plans & specs. completed. Temporarily held up.

Repairs to header at Lincoln Tunnel Approach:
Specs. being prepared.

Reconstruction of River - Repairs to Fender System:
Bids to be received 2-3-50

Lovelandtown Bridge Extension:
Plans being prepared

Interchange at Route 11:

Two Pedestrian Overpasses:
Plans being prepared.

Shark River Bridge Extension
Awarded to Mann & Stuart, low bidder

MONTHLY DIVISIONAL REPORT

MONTH OF JANUARY, 1960

Division: Bridge
Bureau: Design Section Sheet #2

Rt. 82A Underpass at L.V.R.R.
Awarded to Peter W. Kero, Inc. low bidder.

Rt. 95: Bergen-Passaic Expressway:
Sec. 1 Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas

Rt. US130: Three bridges at Interchange at Rt. 73
Sec. 7A&8B Awarded to Geo. M. Brewster & Sons, low bidder.

Rt. 168: Culvert at Sta. 112+50 - Black Horse Pike:
Plans complete except for quantities.

Rt. 202: Bridges at S.Branch Raritan River, C.R.R. of N.J., L.V.R.R.,
Sec. 8A Samuels Brook, Pleasant Run and Hadad Brook:
Plans prepared.

Rt. 208: Underpasses at Grandview Ave., Cedar Hill Ave., Russell Avenue,
Sec. 2A, 1A Summit Avenue, and Culvert at Cedar Hill Avenue
 & 3B Advertised 1-20-60 for bids to be received 2-10-60

Rt. 208: Overpass at N.Y., S. & W. R.R.:
Sec. 4 Plans and specifications being prepared.

Rt. 208: Six Structures:
Sec. 4 Reviewing plans prepared by Goodkind & O'Dea

Rt. 287: 23 Structures (Rt. 27 to Stelton Rd):
Reviewing plans by Madigan-Hyland.

Rt. 287: 14 Structures (East of Stelton Road).
Reviewing plans by Madigan-Hyland

Rt. 287: 5 Structures:
Reviewing plans by Goodkind & O'Dea.

Rt. 287: 4 Structures:
Sec. 4A Reviewing plans by Madigan-Hyland

Rt. 295: 4 Bridges
Sec. 1D Plans and specs. completed. Awarded to Public Constructors, low bidder

Rt. 295: 7 Structures:
Sec. 2E Reviewing plans by Sherman, Taylor & Sleeper.

Rt. 295: 5 Structures:
Reviewing plans by Sherman, Taylor & Sleeper.

Account	Debit	Credit	Balance
1. <u>Salaries</u>			
<u>Salaries of Employees</u>			
<u>Salaries of Regular Employees</u>			
<u>Salaries of Temporary Employees</u>			
<u>Salaries of Consultants</u>			
<u>Salaries of Volunteers</u>			
<u>Salaries of Retirees</u>			
<u>Salaries of Board Members</u>			
<u>Salaries of Officers</u>			
<u>Salaries of Trustees</u>			
<u>Salaries of Advisors</u>			
<u>Salaries of Other Personnel</u>			
<u>Salaries of Officers and Directors</u>			
<u>Salaries of Trustees</u>			
<u>Salaries of Advisors</u>			
<u>Salaries of Other Personnel</u>			
2. <u>Travel</u>			
<u>Travel of Employees</u>			
<u>Travel of Officers and Directors</u>			
<u>Travel of Trustees</u>			
<u>Travel of Advisors</u>			
<u>Travel of Other Personnel</u>			
3. <u>Telephone</u>			
<u>Telephone of Employees</u>			
<u>Telephone of Officers and Directors</u>			
<u>Telephone of Trustees</u>			
<u>Telephone of Advisors</u>			
<u>Telephone of Other Personnel</u>			
4. <u>Postage</u>			
<u>Postage of Employees</u>			
<u>Postage of Officers and Directors</u>			
<u>Postage of Trustees</u>			
<u>Postage of Advisors</u>			
<u>Postage of Other Personnel</u>			
5. <u>Printing</u>			
<u>Printing of Employees</u>			
<u>Printing of Officers and Directors</u>			
<u>Printing of Trustees</u>			
<u>Printing of Advisors</u>			
<u>Printing of Other Personnel</u>			
6. <u>Supplies</u>			
<u>Supplies of Employees</u>			
<u>Supplies of Officers and Directors</u>			
<u>Supplies of Trustees</u>			
<u>Supplies of Advisors</u>			
<u>Supplies of Other Personnel</u>			
7. <u>Repairs</u>			
<u>Repairs of Employees</u>			
<u>Repairs of Officers and Directors</u>			
<u>Repairs of Trustees</u>			
<u>Repairs of Advisors</u>			
<u>Repairs of Other Personnel</u>			
8. <u>Insurance</u>			
<u>Insurance of Employees</u>			
<u>Insurance of Officers and Directors</u>			
<u>Insurance of Trustees</u>			
<u>Insurance of Advisors</u>			
<u>Insurance of Other Personnel</u>			
9. <u>Interest</u>			
<u>Interest of Employees</u>			
<u>Interest of Officers and Directors</u>			
<u>Interest of Trustees</u>			
<u>Interest of Advisors</u>			
<u>Interest of Other Personnel</u>			
10. <u>Other</u>			
<u>Other of Employees</u>			
<u>Other of Officers and Directors</u>			
<u>Other of Trustees</u>			
<u>Other of Advisors</u>			
<u>Other of Other Personnel</u>			

MONTHLY DIVISIONAL REPORT

Month of January, 19 60

Division: Maintenance and Operation

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Lighting plans, specifications and estimates: Bergen-Passaic Expressway, I-80-4, West of Parkway, 33%, Fay, Spofford & Thorndike; Bergen-Passaic Expressway, Garden State Parkway to George Washington Bridge, Rt. I-80 & Rt. I-95, 12%, Parsons, Brinckerhoff, Hall & MacDonald; Rt. 295 Copley Road to Rt. I-80S, 85% complete and Rt. 295 - Rt. I-80S to Rt. US130, 60% complete, Electrical Bureau. Construction, highway lighting contract, Rt. 80, Sec. 2F, 87.12% complete. Conduit, wiring and lighting layouts furnished Bridge Division, 2 Underpasses, Rt. 295 and 3 Overpasses, Rt. 287.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 5 on 24 hr. notice. Routine mechanical and electrical maintenance, all movable bridges, 967 traffic signals, 5 lane control systems, 887 illuminated signs. Replacement of highway lighting, traffic signal, sign equipment, damaged and knocked down by traffic. Group relamping of signals and metered lighting. Installing electric service and motor, Rt. 50 Tuckahoe River Bridge.

CONSTRUCTION

14 traffic signals under construction, 10 completed. 6 lighting installations under construction, 5 completed. Installing conduit, wiring, etc., Phone Booths, Rt. 3 Clifton.

DESIGN AND INSPECTION

7 signal approvals from Planning & Traffic, 10 estimated. Preparing plans, specifications, jug handle signal installations, Rt. US1&9, Jersey City, 5 locations. Plans and specifications presented, bids to be taken 2/17/60, Traffic Signals and Lighting, 21 jug handles, Rts. US130 & 38, Burlington-Camden Counties.

NEGOTIATIONS

27 traffic signals under negotiation, 8 completed. 35 field inspections, with contacts with local officials, 16 on traffic signals and 19 on highway reimbursement lighting. 4 contracts under inspection.

CLAIMS

Payments of claims in the amount of \$20,986.38 received, 14 claims set up totaling \$7,482.39, 13 result of property damage accidents. 30 work orders set up resulting in claims totaling \$9,946., 25 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 237 mobile units, 26 of which are in snow removal equipment and 9 base stations. Installed service and wiring, 1 maintenance yard and 4 buildings. Installing service and wiring, 2 maintenance yards. Completed lighting system, Avenel Garage.

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Maintenance and Operations

Bureau: Maintenance

BRIDGE SECTION

Completed concrete repair work at Camp underpass on Route 69 at Stanton Station, Musconetcong River Bridge on Route 24 at Port Colden, Pohatcong Creek Bridge on Route 24 at Stewartsville, and Raritan River Bridge on Route 1 at New Brunswick; repairs to fenders at Victory Bridge on Route 35 and Salem River Bridge on Route 49 which were damaged by tugs, and repairs to Secaucus Pedestrian overpass on Route 3 which was damaged by a crane.

CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Completed miscellaneous construction projects totalling approximately \$9,500.00 including drainage revision on Route 9 in Dover Township, and intersection revision at Main and Court Streets, Freehold.

SNOW REMOVAL AND ICE CONTROL

Two snow storms occurred during the month; one on January 12 which necessitated plowing by contractors on 33 sections, and the other on January 17 which necessitated plowing by 4 contractors.

MATERIALS SECTION

Replacing and increasing size of stock piles of abrasives, calcium and sodium chlorides, in order that we might be in a better position to cope with storms which may occur during the balance of the winter season.

PERMITS SECTION

Total of 190 applications processed, including 109 for road openings, 22 for the erection of poles, 35 for entrances and 24 for miscellaneous projects.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected a total of 7 completed construction projects preliminary to acceptance by the Bureau. Found 4 to be in satisfactory condition for acceptance and 3 either incomplete or requiring corrective measures. Three projects previously rejected were re-inspected and found to be in satisfactory condition for acceptance.

SIGNS AND LINES SECTION

Erected all type green directionary signs at Bayhead Control, Route 35; Vineland Circle, Route 47; Palisade Park Control, Routes 5 and 69; Route 444 Parkway, from Route 27 to Union; Route 17 at Waldwick, and on Route 1 at Newark Junction Control, and all types of signs on new construction project on Route 208, Grandview Avenue to Goffle Road, Hawthorne. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 73, from Route 130 to Route 38; Palmyra Control on Route 130; Route 82 at Lehigh Valley Road, Union, and on Route 35, Perth Amboy, Smith Street to Turnpike.

MONTHLY DIVISIONAL REPORT

Month of January 1960

Division: Maintenance and Operations

Bureau: Maintenance

LANDSCAPE SECTION

Removed 242 trees and trimmed numerous others throughout the State.

MAINTENANCE BUILDINGS AND STRUCTURES

Completed preliminary cost estimates for various alternates for proposed new garage in South Jersey, installation (except adjusting) of motorized valves in main office building steam system, and renovations to office and installation of toilet facilities at Hightstown yard; preparing plans and specifications for construction of Emergency Generator Building, and specifications for painting remaining portion of the Pulaski Skyway; contract awarded for re-roofing Buildings Nos. 2 and 5 at Fernwood; received bids and approved purchase of new paint spray booth for Building No. 21, Sign Shop; received re-bids on contract work for Edge-water Park maintenance building and approval has been given for awarding contracts; work under way on erection of partitions and duct work to accommodate office re-arrangement of Maintenance Bureau, and started demolition of several properties on Route 35 and 37 for salvage materials and equipment.

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: Maintenance & Operation

Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month: 3 Hough Front End Loaders, 1 Wayne Motor Driven Street Sweeper, 1 Concrete Breaking Ball, 1 House Trailer (used), 1 A-C Acilloscope Spark Plug Analyzer, 1 Porter-Cable Sander and 1 Fox Battery Charger.

SNOW PLOW SECTION

The following operations were completed in this Section. Six trucks were prepared for snow removal and ice control operations, 3 old trucks were stripped for trade-in, 3 car radiators were steam-cleaned and blown out. The following equipment was repaired and painted, 31 snow plows, 18 spreaders, 12 semi-circles, 21 push frames, 3 spreader gates and seats, 8 temple gates, 20 hydraulic pumps, 25 caster assemblies and 2 spreader gates and seats were installed on trucks.

GENERAL REPAIR SHOPS

The following operations were completed on the road and in the shops: Equipment Operation Section; 74 major and minor operations; Heavy Equipment Shop, 18 major and minor operations; Diesel Shop, 60 service and major operations. A total of 58 operations were completed in the Mower Carpenter and Tin Shop. The Machine Shop completed 180 major and minor operations.

The Inspection Shop was constantly active with regular and special assignments. A total of 128 operations were completed by the Carburetor and Ignition Shop. The Car and Truck Shop completed 35 major, minor and service operations. Taillights, driving lights and safety lights were repaired and installed on 74 pieces of equipment.

BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following work at various installations throughout the State.

Branchville Garage: Repaired blower unit; installed new copper line to unit.

Newark Garage: Repaired overhead door, installed new 5" caster wheels.

1960

Month of January

MONTHLY MAINTENANCE REPORT

Maintenance & Operation

REPAIRS

The following new equipment was received during the month: 3 Motor Mounts, 1 Motor Mount Driven Street Sweeper, 1 Concrete Pumping Bell, 1 Motor Mount (used), 1 A-C Acilloscope Spark Plug Analyzer, 1 Porter-Cable Sander and 1 Fox Battery Charger.

The following operations were completed in this section. Six trucks were repaired for snow removal and ice control operations, 3 old trucks were replaced for trucks. 3 car radiators were steam-cleaned and blown out. 18 semi-circles, 21 dash frames, 3 spreader gears and seats, 3 hydraulic pumps, 25 master assemblies and 2 spreader gears were installed on trucks.

The following operations were completed on the road and in the shops: Equipment Operation Section: 74 major and minor operations; Heavy Equipment Shop, 18 major and minor operations; Diesel Shop, 60 service and major operations. A total of 50 operations were completed in the Motor Component Shop. The Machine Shop completed 180 major and minor operations.

The Inspection Shop was constantly active with regular and special assignments. A total of 158 operations were completed by the Component and Shop. The Car and Truck Shop completed 35 major, minor and service operations. Radiators, driving lights and safety lights were repaired and installed on 74 pieces of equipment.

MAINTENANCE SECTION

The following Maintenance Section completed the following work at various locations:

Repaired overhead door, installed new 5" castor wheels.

Monthly Report
Bureau of Plant & Equipment

January, 1960

Lodi Garage:	Installed new electric hot water heater; replaced galvanized water pipe with copper tubing; painted inside of garage and boiler room.
Metuchen Field Office:	Installed new transformer in oil burner.
Hightstown Maintenance Yard:	Built new men's room, relocated water meter, installed new lavatory, washbasin, lights and painted room.
Vineland Garage:	Cleaned boiler and tubes, serviced burner and controls; serviced fire extinguishers.
Avenel Garage:	Installed additional wooden block flooring in shop area; pumped and cleaned septic tank; serviced all fire extinguishers.
Toms River Garage:	Built new tire racks, battery shelves and stock bins; serviced all fire extinguishers.
Merchantville Garage:	Service all fire extinguishers.
Hammonton Garage:	Service all fire extinguishers.
Fernwood Service Station:	Repaired overhead door, Bldg. #2; repaired oil burner in Bldg. #21; laid new concrete slab in front of Bldg. #25; installed additional heating unit in Bldg. #7; removed hot water heating system in Bldg. #10 and installed kerosene stove; serviced oil burner in Bldg. #1; coated entire roof of Bldg. #8 with aluminum paint; repaired steam line in Bldg. #7; worked on heating system in Bldg. #34; laid concrete slab in front of Bldg. 34 on which to place oil tanks.
Properties on Rts. 37, 37 and 80:	Salvaged material from properties for use of Bureau of Maintenance and Bureau of Plant and Equipment.

CLAIMS

A total of \$1,960.62 was collected during the month of January for insurance claims.

Installed new electric hot water heater; re-placed galvanized water pipe with copper tubing; painted inside of engine and boiler room.

Installed new transformer in oil burner.

Built new men's room, relocated water meter; installed new lavatory, washbasin, lights and painted room.

Cleaned boiler and tubes, serviced burner and controls; serviced fire extinguishers.

Installed additional wooden block flooring in shop area; cleaned and painted septic tank; serviced all fire extinguishers.

Built new tire racks, battery shelves and stock bins; serviced all fire extinguishers.

Serviced all fire extinguishers.

Serviced all fire extinguishers.

Repaired overhead door, light #2; repaired oil burner in Bldg. #21; laid new concrete sidewalk in front of Bldg. #25; installed additional heating unit in Bldg. #7; removed hot water heating system in Bldg. #10 and installed kerosene stove; serviced oil burner in Bldg. #1; coated entire roof of Bldg. #3 with aluminum paint; repaired steel frame in Bldg. #7; worked on heating system in Bldg. #32; laid concrete sidewalk in front of Bldg. #1 on which to place oil tanks.

Salvaged material from properties for use of Bureau of Maintenance and Bureau of Plant and

Field Office:

Maintenance Yard:

Garage:

Garage:

Service Station:

Workshop on Mts. 37, 37

Inventory of equipment was collected during the month of January for insurance

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: PERSONNEL
Bureau:

MARCH OF DIMES CAMPAIGN

The campaign was very successful with approximately \$190 collected.

RECRUITMENT AND TRAINING

During the month of January, 12 young engineers hired over the past several months were enrolled in the Orientation Training Program. Our present schedule calls for most of them to complete this training at about the end of May, which will make them available for regular work assignments during the busy summer season. Two additional new employees will join this group on February 15.

In cooperation with the New Jersey Bell Telephone Company, a refresher course in telephone use and techniques was offered in the Department Cafeteria on January 19, 20, and 21. One hundred and seventy-seven employees in the Central Office, the Testing Laboratory and Fernwood area attended. The presentation was an excellent one and the reactions from those in attendance was very good.

SAFETY, PLANT SECURITY AND DISPENSARY

Safety - In the month of January, inspections were made on 20 Contractors' projects. While some were found to be adequately protected, more needed adjustment in a manner of protection for the best interest of the motoring public. Recommendations were made thru channels advising the adjustments needed in the respective jobs to the District Engineers. It may be noted at this time that the Safety Office is receiving very good cooperation from the Construction Division.

With regard to the internal safety activities, the Accident Review Board has been reorganized and will function on a regularly scheduled meeting once a month to review those driver accidents which we feel may have been avoided by better driving habits. Driving accident repeaters who are found after a hearing to be in need of re-examination will be referred to the Motor Vehicle Driver Clinic for re-evaluation of their driving abilities.

Referring to Safety Inspectors in the field, a daily coverage of all the districts is being maintained. Equipment inspections, safety talks to the employees and foremen in the field are daily practices.

Dispensary - A blood donor mass drawing was held in the Dispensary to supplement the blood bank which is being carried on in behalf of Highway Department employees.



IN REPLY PLEASE REFER TO

Monthly Reports
Division of Planning,
Research, Soils and
Tests.

State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

February 1st
19 60

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division
for the month of January 1960.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

A handwritten signature in dark ink, appearing to read "Howard N. Rigby".

Howard N. Rigby
Director and Chief Engineer
Division Planning, Research, Soils & Tests

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

HIGHWAY USE SURVEY SECTIONField

In addition to the regular programmed machine and manual traffic counts an ultra-sonic traffic detector was installed and kept under test on Route U.S. 1 in Clarksville, Mercer County.

Office

The normal office functions of processing field traffic counts were completed as the data was received.

TRAFFIC DESIGN AND RESEARCH SECTION

During this period, the major work category for this Section was review and analysis of the traffic volumes for the Interstate Route System. Other projects worked on included estimating traffic volumes for non-Interstate routes; the review of lane lines; and analysis of field data on vehicle performance at traffic signals.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping retiming, and operation of traffic signals; has received and processed miscellaneous traffic investigations, and has checked the timing and operation of signalized intersections.

TRAFFIC SAFETY, CONTROL, AND REGULATION SECTION

The assignments underway by this Section consisted of operating radar speed meters for speed zone studies; laying out and processing "no passing" zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications.

HIGHWAY PLANNING SURVEY SECTIONRoad Inventory

Field work has been suspended due to lack of personnel. Reassignment of personnel to projects with higher priority was necessary.

Road Life

Contracts completed during the year are being processed for Road Life Studies and Annual Statistical Reports.

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

PENN-JERSEY TRANSPORTATION STUDYField Work

Sketches are being made in the field of meter and interview stations on the cordon line for the external survey.

Committee Meetings

The regular monthly meeting of the Policy Committee was held on January 8, 1960. Mr. Hartmann and Mr. Berberich represented the New Jersey State Highway Department.

A meeting of the Technical Committee was held on January 29, 1960 and attended by Mr. Berberich and Mr. Severns.

RARITAN RIVER ORIGIN AND DESTINATION SURVEY

I.B.M. tabulations have been made and a major desire line map has been plotted. At present, the individual station flow maps are being prepared and a rough draft of the text has been written. Some initial investigation has been made into the problem of assigning traffic volumes to two suggested bridge locations.

LOADOMETER

1959 Loadometer has been punched, and impossibility checks are being made.

TITLE (23) SECTION 104(b) INTERSTATE COST ESTIMATES

Tentative lists for the completion of detailed estimates showing recommended time schedules for sections assigned to designated field offices, were prepared. Meetings were held on January 25, 1960 for the purpose of acquainting the consulting engineers with the proposed Interstate Cost Estimate and the work entailed, to develop these estimates.

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, developed pavement designs for revision of intersection of Route 46 and Beverwyck Road, and submitted recommendation on same.

Took as-constructed faulting measurements in connection with new concrete pavement on Route 202, immediately west of Somerville--to determine the long-term effectiveness of the load-transfer devices.

Took faulting measurements at undowelled contraction joints in the outside lane of a 3/4-mile section of experimental plain concrete pavement constructed in 1949 on Route 130, vicinity of Deans. In a total of 240 joints, the maximum recorded fault, at one joint only, was 5/16ths inch--the average fault being 1/10th inch. Of significance is the fact that there has been no apparent increase in faulting during the past year.

Took gauge-plug measurements in connection with concrete pavements constructed with dolomite coarse aggregate, on Route 130, vicinity of Deans--this being relative to a study which has been under way for several years to determine the rate of "growth" of concrete pavements constructed with dolomite.

Took gauge-plug measurements at the cracks in a bituminous pavement on the Palisades Interstate Parkway. In line with previously observed behavior, these cracks were found to undergo a seasonal variation in width of about 1/16th inch, between winter and summer. Submitted report on same. Also took gauge-plug measurements at experimental joints in concrete pavement on Route 130, Yardville to Robbinsville.

For Commissioner Palmer, prepared digest of report by New Jersey Bituminous Concrete Association, the Asphalt Institute, and the New Jersey Crushed Stone Association, concerning the results of investigation to determine the cause of failure of a bituminous pavement on Route 22, Somerville to Chimney Rock.

BRIDGES

Measured and reported on bridges over (a) Cheesequake Creek, Route 35, (b) Inland Waterway, Route 88, and (c) Inland Waterway, Lovelandtown. Notified Bridge Division that the west abutment of the bridge at Lovelandtown has now moved inward to the extent that there is a serious possibility of binding of the drawspan this coming summer, unless something is done to forestall this occurrence.

also took measurements on the following bridges and structures: (a) Bridge
No. 12, 1st Kansas River, Route 12, (b) Kansas River, Route 12,
(c) South Thorsens, Atlantic City, (e) Kanooos Creek, Route 130, (f)
Kansas River, Gadsden, (g) Kanooos Creek, Route 130, (h) Hakkensack River,
Route 12, (i) Kansas River, and (j) 1st Kansas River, Kansas City.
Also took measurements on the two bridges on the 1st, and the two
bridges on Routes 22 and 78.

CONCLUSIONS

Representative of Kansas stream gaging at Highway Bureau, Kansas
and adjacent rivers in Kansas. Measurements in Kansas and adjacent
rivers of Kansas and adjacent rivers in Kansas and adjacent rivers.

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

ENGINEERING

In response to the request of Goodkind and O'Dea, designers of FAI Route 287 Section 4, recommendations were made in regard to the proposed treatment of an old dump area approximately at proposed grade and underlying the main line and Frontage Road.

Field investigations and a review of the boring logs indicated that the deposit is an old one and while it is undoubtedly poorly consolidated, it did not appear as though any settlement will occur as a result of decay. For these reasons the suggested treatment was essentially as follows:

a. After cutting in dump material to 1' below subbase subgrade along main line, refill to subbase subgrade with select borrow and compact with 50 ton roller.

b. Since Frontage Road will have a 12' embankment over the dump, the 1' thick layer of select borrow shall be placed on the levelled existing surface and compacted as above before the embankment is constructed.

Through meetings with the Bureau of Public Roads and Parsons, Brinckerhoff, Hall and MacDonald, the consultant was persuaded to go along with the suggested modifications of the Sand Drain design of FAI 95 Section 1A presented by the Bureau's Washington office.

They consisted primarily of eliminating one row of drains under the berms around the perimeter of the job and carrying only every other row of drains, over 60' in length, to firm bottom. The latter involves an area about 2000' in length at the easterly end of the project.

It is estimated that an amount in excess of \$300,000 can thus be saved. This must be weighed against the cost of extra maintenance which may become necessary due to local depressions in the roadway caused by possible uneven settlements.

This project is currently being held up by the lack of "right of entry". It should be borne in mind that this may very well cause a serious problem, soil wise, in that it is estimated that the overload must remain in place for a period of one year.

CONSTRUCTION

As was mentioned in December's report, Bran and Stuart, the contractor on FAI 295 Section 1C, began pumping out previously placed hydraulic fill material which failed to meet gradation requirements. This operation was halted by the contractor on Friday January 22, 1960 after he had removed, according to his own estimate, 12,000 cubic yards.

Samples taken by the Soils Bureau of the material being removed average 76% passing the No. 200 sieve. The maximum allowed according to our specifications is 5%.

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

Samples of Bituminous Fiber Drain Tile were received for test. Tests on bearing pads known as Sorbtex and Vossco completed and reported to Bridge Division. A series of Marshall tests performed on Johns-Manville Asbestos Fibers for use in bituminous concrete work.

MATERIALS' DEVELOPMENT

Seven Gravel samples were reexamined for unit weight and grading. Two Gravel samples were given full quality tests, including a geological evaluation. Laboratory Geologist has begun a comprehensive study and reexamination of approved aggregate sources. One verification batch of Portland Cement Concrete made to check prestressed beams for Route 15 Sec. 1. Autoclave bars made under Laboratory Investigation 1944-2, were reexamined and measured. An immersion-compression series using Houdaille trap rock dust was started to check previous work and to qualify this material for bituminous concrete work. Bitumen recoveries, using ASTM D 762, were made on molded and loose specimens of bituminous concrete containing rubber, after weathering for six months. A report was submitted on the results of the cores under test for cement content of hardened portland cement concrete. Chemical analyses on forty samples of Crushed Mineral Aggregates submitted by the State Geologist, in final stages of completion. The Eighth Monthly Evaluation of Experimental Traffic Paint Test Lines in cooperation with several agencies was made at Woodbury Creek, Route U.S. 130, N.J.

PERFORMANCE TESTING AND INSPECTION

A large dial thermometer, Palmer, for use on paving machines was calibrated. One Asphalt Plant was inspected to determine if it complies with specification requirements. Inspections made for approval of materials at a Sand Plant and Gravel Pit. Two plant inspections of Waylite material were made for approval for a specific State project.

PERSONNEL

One Assistant Engineer was employed for geological work in this Bureau. Introductory and Advanced Training Courses held for Laboratory personnel. Two Assistant Engineer, Highway (Trainees) were given the regular training course.

MEETINGS

Senior Executive Engineer of Nigeria Federal Ministry of Works and Surveys spent one week in Laboratory. Representatives attended Highway Research Board Meetings and ASTM Committee Meeting. Conferences held with representatives of the portland cement producers and Bureau of Public Roads Engineers. Laboratory was represented at meeting of the Highway Department Suggestion Awards Committee.

SAMPLES RECEIVED

During this month, 696 samples were received for test as compared with 803 for the corresponding month of 1958.

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 89 parcels, of which 24 were revisions.

GENERAL PROPERTY PARCEL MAPS

4 General Property Parcel Maps were approved as follows:

Route 95(1953), Sec. 1B

Teaneck Road to Route 4. 1 sheet approved. Negotiations authorized, set up \$750,000.00.

Route U.S. 1(1953), Sec. 6

Route 26 to Raritan River. 5 sheets approved. Negotiations authorized, set up \$212,600.00.

Route U.S. 30(1953), Sec. 14

Camden Bridge Plaza to Lee Avenue. 1 sheet approved. Negotiations authorized, set up \$5,750.00.

Route 93(1953), Sec. 1

River Street, Ridgefield to Route 4. 1 sheet. Negotiations authorized, set up \$500.000.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 87 items were presented to the Commissioner for action, including:

- 59 Agreements
- 15 Condemnations
- 2 Awards
- 1 Appraisal
- 4 Deeds of Conveyance
- 3 Payments authorized for loss of water
- 3 Buildings sold at public auction

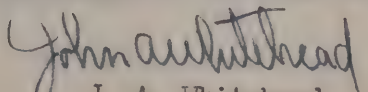
APPRAISAL ORDERS APPROVED

25 Orders were approved with outside fee appraisers for a total of \$3,825.00.

APPRAISALS FOR OTHER DEPARTMENTS

26 Appraisals were prepared for other State Departments as follows:

- 5 For the Department of Education, on the purposed expansion of Trenton State Teachers College.
- 1 Department of Defense, Amory property at Trenton
- 17 For the Department of Conservation and Economic Development, for the purposed expansion of Barnegat Light Park
- 1 For the Bureau of Insurance and Special Services on Mrs. Fines School, at Princeton, N. J.
- 1 State House Commission, property of Trenton Central Realty Co., 138-140 West State Street, Trenton


J. A. Whitehead

APPROPRIATE OF WAY ACQUISITION & TITLES
Appraisals & Negotiations

... were revisions.

...

... road to Route 1. I sheet approved
negotiations authorized, set up \$150,000.00.

...

... to Lemban River. 2 sheets
approved. Negotiations authorized, set up
\$125,000.00.

...

... Place to Lee Avenue. I sheet
approved. Negotiations authorized, set up
\$125,000.00.

...

... to Route 1. I
sheet. Negotiations authorized, set up
\$125,000.00.

...

... were presented to the Commissioner for action, including:

... for loss of water
... at public auction

... for other State Departments as follows:

... on the proposed expansion of ... State
...

... and Special Services on this. When school, at

... session, ...

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: Right of Way Acquisitions & Titles

Bureau: Legal

I. STATISTICAL

Condemnation

Complaints - 7
Orders to Show Cause - 7
Amendments to Complaints - 3
Motion to Amend Complaint - 1
Orders of Continuance - 5
Orders for Judgment and Appointing Commissioners - 5
Orders Substituting Commissioner - 2
Orders Extending Time for Filing Report of
Commissioners - 19
Reports of Commissioners - 3
Orders Granting Compensation to Commissioners - 3
Orders of Dismissal - 9
Petition to Pay Condemnation Award Into Court - 1
Order to Pay Condemnation Award Into Court - 1
Notice of Motion - 2
Notice of Appeal - 1
Orders on Appeal - 2
Judgments - 6

IN LIEU OF PREROGATIVE WRIT

Notice of Motion - 1

MISCELLANEOUS

Order to Show Cause Why Moneys on Deposit Should
Not Be Paid to the State Highway Commissioner - 1

Application for Withdrawal of Moneys Deposited in
Court - 1

Order for Withdrawal of Money from Court - 1

Number of Deeds Approved - 67
Number of Titles Approved - 76

Court Appearances - 33

II. GENERAL ACTIVITIES

Court appearances on appointments of condemnation

II. GENERAL ACTIVITIES (Cont'd.)

commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

The Civil Service Commission decided on Mr. Pfitzinger's appeal of his dismissal by the State Highway Commissioner. The decision was in favor of the Commissioner.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

MONTHLY DIVISIONAL REPORT

Month of January 19 60.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

71 searches and 149 continuation searches were completed throughout the State.

TITLE EXAMINING

92 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

107 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

76 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

78 final settlements were made with property owners.

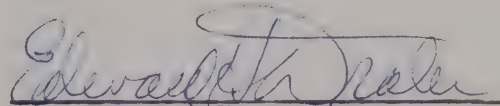
CONDEMNATIONS

16 Title Memorandums were prepared and forwarded to the Department of Law. 131 condemnation notices were served.

TITLE COMPANIES

11 deeds were delivered through the offices of title companies.

21 checks were delivered to title companies with instructions for settlement with the owners.


Edward H. Drake
Title Officer

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Roads, Location and Design

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following project:

Ridgedale Avenue, Morris County, S104(4).

PREPARING SPECIFICATIONS

Ridgedale Avenue, Morris County, S104(4).

PROJECTS ADVERTISED

None

BIDS RECEIVED

Old Hook Road Extension, Bergen County, S1(4).

CONTRACTS AWARDED

Old Hook Road Extension, Bergen County, S1(4).

PROJECTS ACCEPTED AS COMPLETE

None

MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing agreements between County and State for Federal Aid Secondary Projects and preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc.. Received Final Payment from Federal Government on F.A.S. Projects.

MONTHLY DIVISIONAL REPORT

Month of January 19 60

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of NJ-I-95-6(3) - Rt. I-95 - Rt. US-46 N. to Inter. Rt. I-80(ROW); NJ-I-80-2(22) - Rt. I-80 - Landing Road E. to Howard Blvd. (Constr.); NJ-I-80-2(23) - Rt. I-80 - Rt. US-46 E. to Landing Rd. (Constr.); NJ-I-80-2(21) - Rt. I-80 - Rt. 46 W. to Pt. E. of Rt. 53 (constr.)

OFFICE ENGINEER

Processing Plans and Specifications for Rt. 95, Sec. 1A, Teaneck Rd. to Northern R.R. of N.J.; Rt. 202, Sec. 8A, S. Branch Raritan River to Beechwood Drive; Rt. 80, Sec. 2H, Landing Road to Howard Blvd.; Rt. 28, Sec. 1A, Coolidge Pl. to Bridge St.; Rt. 78, Sec. 2G, Mulhockaway Creek to Clinton Farms; Rt. US 1, Sec. 6A, Milltown Road Interchange;; Rt. 20, Sec. 4A, South Drive to Broadway; Rt. US 1 & 9, Sec. 8A, and Rt. 93, Sec. 1A, Grand Avenue Drainage; Rt. 78, Sec. 2H & Rt. 80, Sec. 2K, Delineator Contract.

INTERSTATE

I-80, Sec. 1, Columbia to Netcong - Photogrammetrics 100% complete. Studies started; I-80, Sec. 2, Mt. Arlington Rd. to Landing Rd., Morris Co. - Plans being revised for early contract; I-80, Sec. 3, Denville Twp. to Wayne Twp. - Hearing map being prepared - 75% complete; I-80-4, Wayne Twp. to Garden State Parkway - Bureau Public Roads still holding Rt. 23 Interchange. Contract plans on Paterson and East Paterson under final review; I-80-5, Garden State Parkway to George Washington Bridge (part of 1959-60 - 90-10 Program), - Preliminary ROW maps complete for entire section. Sand Drain Contract revised to satisfy Bureau of Public Roads. Sec. 1B, Grading, contract plans under final review; contract plans, Sec. 1C at George Washington Bridge 75% complete. Right-of-Entry necessary for Sec. 1A, Sand Drain Area, still held up; I-95-, Sec. 1, Rt. 46 to I-80, Ridgefield Park - Awaiting final alignment approval; I-78, Sec. 5, Berkeley Heights to Newark - Waiting Bureau Public Roads approval of alignment and interchange in Berkeley Heights, Springfield area. Model underway of Newark Airport Interchange; I-287, Parsippany Twp. to Montville Twp. - Contract plans 68% complete. Contract in Boonton area under preliminary final review. Northerly contract ready for preliminary review; I-280, Newark to I-80, Montville Twp. - not active; Rt. 287, studies and cost estimates prepared to provide 16'-3" vertical clearance at bridge locations from Pluckemin to Route 18 (River Road Interchange); Rt. 295, profile studies completed at Rt. 70 Interchange; Rt. 295 alignment approved from Hollywood Ave., Deepwater to Bridgeport on Line "B"; Rt. 80-S alignment studies submitted by consultants from Morgan Blvd. to Benjamin Franklin Bridge Plaza.

MISCELLANEOUS

Rt. 3, Sec. 2, Secaucus - Public hearing held January 6th. Waiting approval of alignment; Rt. 21, Sec. 5, Newark to Belleville - Waiting approval of Bureau Public Roads. Additional studies made; Rt. 22, Sec. 14B, Liberty Ave. Bridge - Plans progressing, 45% complete; Rt. 440, Sec. 2A, Jersey City - plans progressing - 62% complete; Rt. 28, Middlesex Boro - survey and study plans started; Rt. 10 Livingston - survey and plans started project 10% complete; Rt. 17, Sec. 7, Ridgewood Ave, Paramus - Public hearing held Jan. 27th. All studies complete. Preparing contract and ROW plans - 26% complete; Rt. 23, Sec. 10, Verona to Singac - plans for resurfacing, etc., progressing - 45% complete; Rt. 4, Sec. 4, Hackensack Ave. Ramps - waiting approval of Bureau Public Roads; Rt. US 46, Palisades Park - preparing additional barrier curb and resurfacing contract - 25% complete; Rt. 64, Princeton-Hightstown By-Pass - studies submitted by consultants; Rt. 69-Rt. 202, Flemington to Ringoes - studies submitted by consultants.

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Design & Construction

Bureau: Road Construction

ROUTE	SECTION	LOCATION	PERCENTAGE COMPLETED	
			Jan. 1st.	Feb. 1st. 60
1 & 9	1 & 2	Ramp Revisions, Grading, Paving & Bridges, Newark	54%	59%
1, 9 & 46	1-A	East Ruby Avenue to Jones Road, Barrier Curb		18%
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	.2%	1%
U.S. 9	2	Cape May Canal Bridge and Approaches	45%	49%
U.S. 9	3	Drainage Improvements	72%	76%
10	2-A	Underpass at Salem Street	54%	54%
10	3-A	Newark & Mt. Pleasant Turnpike to Route 53	23%	26%
10	4-A	Livingston Traffic Circle to Whippany Troy Hills Road	34%	37%
15	1	Burnt Meadow Brook, Grading & Paving Br. Approaches	48%	48%
17	3	Underpass at Century Road	61%	61%
18	2	Clifton Avenue to New Jersey Turnpike	63%	64%
18	5	From 800' E. Spring Valley Road to Route U.S. 9	8%	16%
21	1-B	Roosevelt Avenue to Highfield Lane	95%	95%
21	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br.	12%	17%
U.S. 22	13A & 14A	Pedestrian Overpasses	32%	37%
U.S. 1	1	Lake Drive to N.J. Motor Vehicle Inspection Station	92%	92%
4 Pkwy.	9-N	Ramp and Deceleration Lanes at Chestnut Street	81%	94%
29	1	From Raven Rock to Byram, Grading and Paving	83%	86%
38	1A & 2A	From Church Road to Marter Avenue, Dualization	33%	34%
71	1	Br. & Approaches at Poplar Brook, Whale Pond Brook, Etc.	72%	91%
71	2	Drainage Improvement, City of Asbury Park	45%	49%
U.S. 78	2-E	Central R.R. of N. J. to Mulhockaway Creek	73%	76%
80	2-E	Rt. U.S. 46 to Landing Rd. Bridge & Incidental Paving	32%	32%
80	2-G	Ramps at Mt. Hope-Dover Road Interchange	93%	94%
80	4-A	Bridge over Relocated Route 20	34%	34%
80-S	1 &)	U.S. 130 to Browning Road & Route 80-S Interchange to		
295	2-G)	Copley Road	52%	52%
80 (101)	2-C	Hward Blvd. to Rt. 15, Grading, Paving, Bridges	93%	93%
29	15-A)	Wilburtha Road to Scudders Falls		
129	1-A)	Delaware River Bridge to Scotch Road	27%	28%
130	8A & 9A	From Coopertown Road to Cinnaminson Avenue	4%	8%
169	1	Constable Hook to Point Breeze	37%	37%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	10%	10%
287	1C & 2B	Weston Canal Road to River Road Interchange	28%	31%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	53%	56%
208	3-A	Maple Avenue to Goffle Road, Pedestrian Overpass	49%	51%
322	1	Weymouth Road to Route 50, Dualization	27%	37%
611	1-A	Delaware Water Cap Slope Excavation	93%	107%
		N. J. State Teachers College at Union, Contract #2	19%	19%
P.I.P.	4	Demolition of Buildings	19%	40%

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: Design & Construction

Bureau: Road Construction

CONTRACTS AWARDED IN JANUARY

Route 295, Section 1-D - from Route 47 to Route U.S. 130. Awarded to Public Constructors, Inc. on January 13, 1960.

Route 73, Section 2-A - from South Branch of Pennsauken Creek to Route 38. Awarded to Gaskill Construction Company on January 25, 1960.

Route 35, Sections 6-A & 4-A - Eatontown Traffic Circle. Awarded to M. J. Stavola on January 27, 1960.

Route U.S. 130, Sections 7A & 8B - Interchange at Route 73. Awarded to Geo. M. Brewster & Son, Inc. on January 28, 1960.

CONTRACTS ACCEPTED IN JANUARY

Route U.S. 1(1953) Section 3-B - From 3/4 mile south of Alexander Road to State Police Barracks - Planting. Accepted January 7, 1960.

Route 6(1927) U.S. 46(1953) Sections 7-F & 1-P, Westminster Circle to Burton Avenue. Accepted January 7, 1960.

Montclair State Teachers College - Contract #2 - Grading & Paving Driveways and Parking Areas. Accepted January 7, 1960.

Route 23, Section 1 - Construction of Bridge over Peckman Brook and Paving Bridge Approaches. Accepted January 8, 1960.

Route 17(1953) Section 2-A - Farview Avenue Ramp, Paramus. Accepted January 11, 1960.

Route S-40, Section 5-D - Hilliard to Ship Bottom. Accepted January 14, 1960.

Route 25, Section 6-G - Turnarounds at Poor Farm Road, Ford Avenue and Parsonage Road. Accepted January 21, 1960.

Route 101, Section 2-A - Mt. Hope-Rockaway Road to Route U.S. 46. Accepted January 22, 1960.

Route 108, Section 1-B - From Hollywood Avenue to the N. J. Turnpike. Accepted January 22, 1960.

Route 1 & 9(1953) Section 1, Route U.S. 9(1953) Section 1 - Center Island Closings and Turnarounds. Accepted January 29, 1960.

MONTHLY DIVISIONAL REPORT

Month of January

19 60

Division: Design & Construction

Bureau: Road Construction

GENERAL NOTES

Three large projects have or are about to be awarded in South Jersey. It is expected work will begin on these at once. Other projects throughout the State are progressing rather slowly, and weather conditions permitting will continue at about the present rate until Spring.

Section 3 of Route 208 was opened to traffic during the month. Route 29 through Raven Rock is carrying traffic, and will be maintained in a safe condition over the Winter.

The ramps on Route 80 connecting to the Mount-Hope-Dover Road have been completed and are in operation as of February 1, 1960.

In spite of winter weather, the construction of barrier curb on Route 1, 9 and 46 is progressing at about half normal summer construction speed.

During the month of January, 10 projects were accepted and 4 projects were awarded. One bid was received but not awarded.

As of February 1, 1960, there were 40 projects underway, valued at \$66,500.000, and being inspected by 145 men.



Allen G. Ely

Supervising Engineer, Bureau of Road Construction

MONTHLY DIVISIONAL REPORT

Month of January

1960

Division: State Aid

Bureau:

General: During the month 363 routine items for County and Municipal State Aid were received. 217 items were processed. In addition final inspections were made on 54 completed projects.

County Aid: Certificates of Expenditure for the calendar year 1959 were received from Cape May, Salem, and Somerset Counties. These are now being processed for approval.

Atlantic and Cumberland Counties have already filed their 1960 Maintenance Specifications. Other State Aid work in the counties has been restricted to routine maintenance and preparation of 1960 programs.

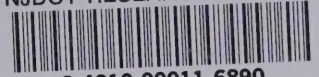
Municipal Aid: Some small amount of construction work and routine maintenance work has been accomplished by the municipalities. They too have been engaged in preparation of 1959 certificates, 1960 budgets, and programs.

196 certificates and 43 schedules were received during the month.

Personnel: During the month 42 inspectors were assigned to work in other divisions due to suspension of State Aid Construction and Maintenance work.

Other field personnel have been utilizing slack period for vacations and XP time off.

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